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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHUNICHI HAMADATE	08/20/2014

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, SHIBAURA 1-CHOME
City:	MINATO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	105-8001
Name:	TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION
Name: Street Address:	TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION 2-9, SUEHIRO-CHO
Street Address:	2-9, SUEHIRO-CHO

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14801200

CORRESPONDENCE DATA

Fax Number: (949)760-9502

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 9497600404

Email: efiling@knobbe.com

Correspondent Name: KNOBBE, MARTENS, OLSON & BEAR LLP

Address Line 1: 2040 MAIN STREET

Address Line 2: 14TH FLOOR

Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	SSTOSH.188C1
NAME OF SUBMITTER:	KAZUO AOKI
SIGNATURE:	/Kazuo.Aoki/
DATE SIGNED:	07/16/2015

PATENT REEL: 036116 FRAME: 0440

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Total Attachments: 2

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PATENT REEL: 036116 FRAME: 0441 In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

DISPLAY APPARATUS

have sold and assigned and do hereby sell and assign to

- 1. KABUSHIKI KAISHA TOSHIBA, a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan
- 2. Toshiba Lifestyle Products & Services Corporation, a Japanese corporation, having a business address at 2-9, Suehiro-cho, Ome-shi, Tokyo 198-8710, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)	[X]	executed concurrently herewith		
		executed on	;	
	[]	Application No.	, filed	;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Mr. Irfan Lateef, Knobbe, Martens, Olson & Bear LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614

PATENT REEL: 036116 FRAME: 0442

ASSIGNMENT

HRG067436-USA-A (13S5291)

[1st Inventor]
Residence Address: Ome Tokyo Japan
Mailing Address: c/o IP Div. Toshiba Corp. (K. K. TOSHIBA), 1-1, Shibaura 1-chome, Minato-ku, Tokyo
105-8001, Japan
Citizenship: Japan

Shunichi Hamadate Aug. 20, 2014

Shunichi Hamadate Date:

PATENT REEL: 036116 FRAME: 0443

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